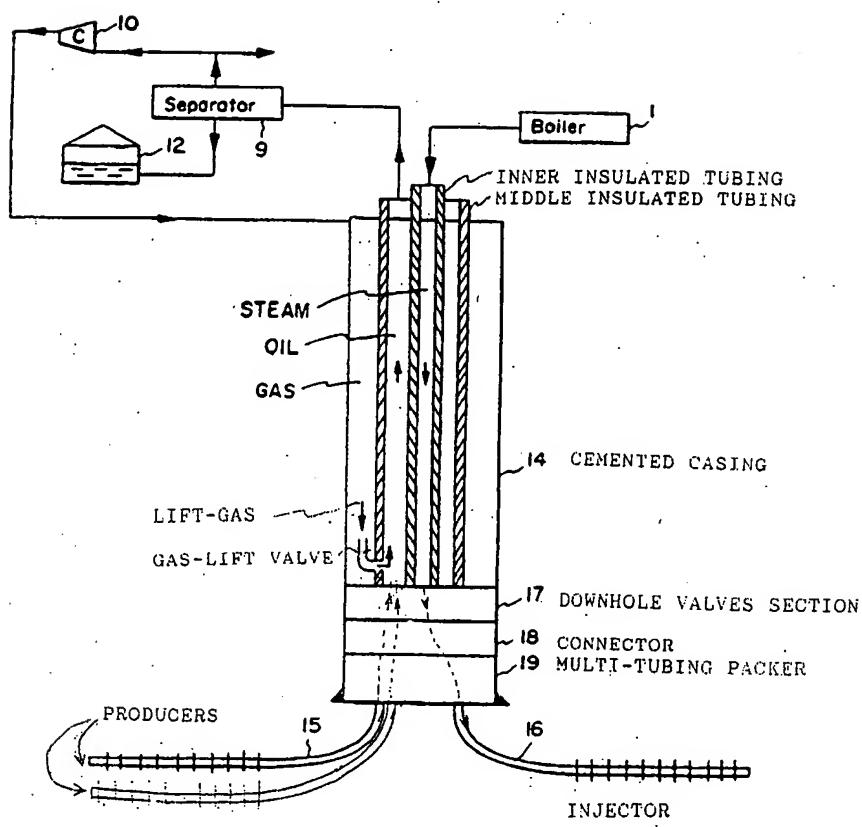




Application/Control Number 10/716,064 Art Unit: 3672  
Inventor: Michael Gondouin Examiner: Daniel P. Stephenson  
Filing Date: 11/17/2003

## PRIOR ART

**FIGURE 1A**



## SCHEMATIC MULTI-LATERAL ARCTIC WELL CONFIGURATION

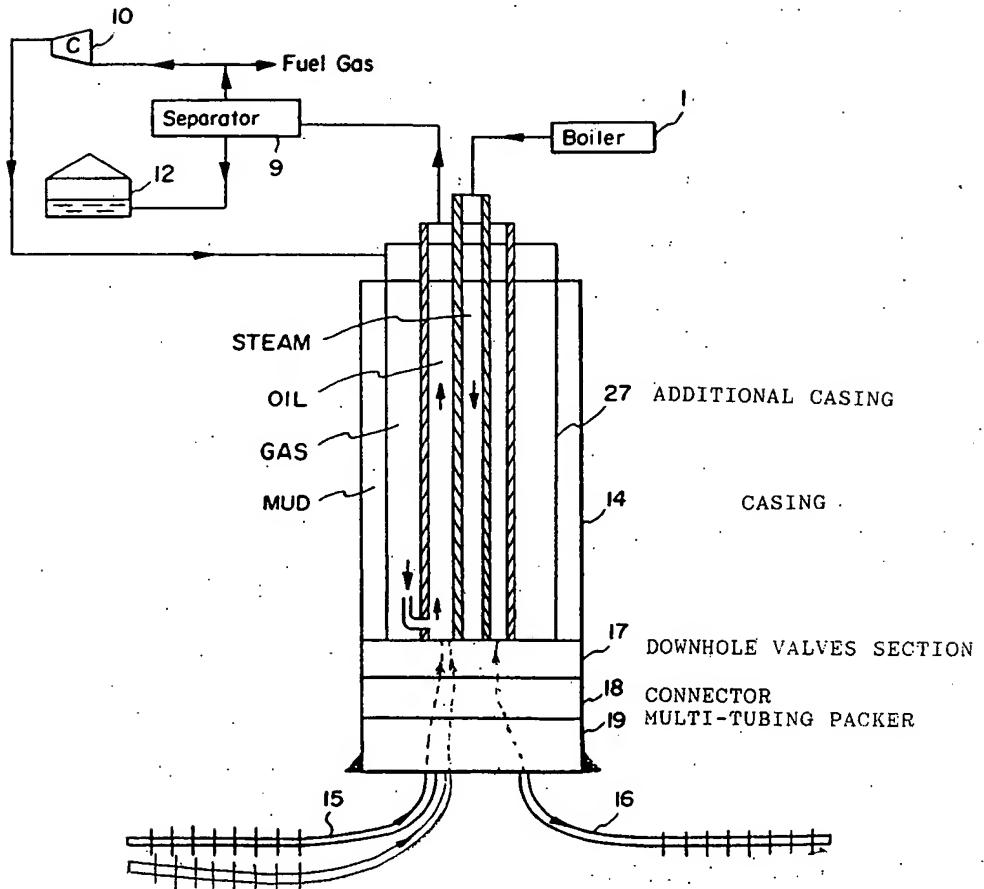
Application/Control Number 10/716,064  
Inventor: Michael Gondouin Art Unit: 3672  
Filing Date: 11/17/2003 Examiner: Daniel P. Stephenson

Replacement Sheet 9 of 12

## PRIOR ART

---

FIGURE 1B

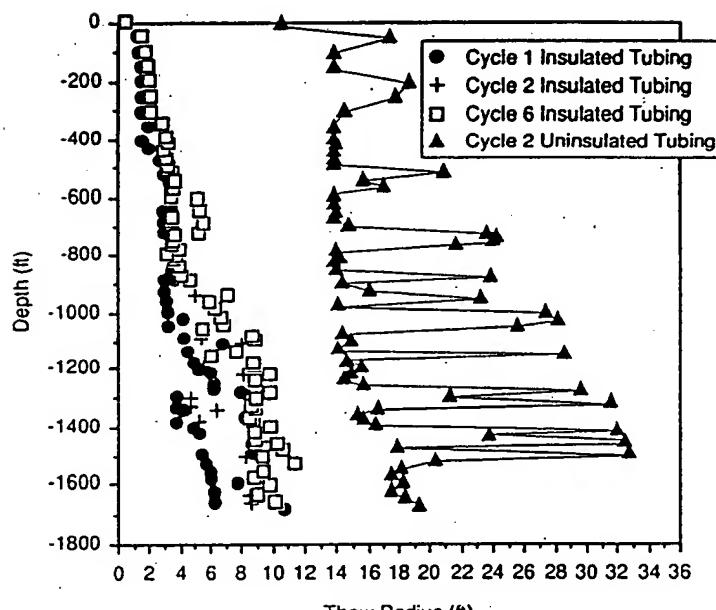


MODIFIED MULTI-LATERAL ARCTIC WELL FOR SPECIAL SITUATIONS

## PRIOR ART

---

FIGURE 1C



Thaw Radii at End of Cycles 1, 2 and 6

Application/Control Number 10/716,064 Art Unit: 3672  
Inventor: Michael Gondouin Examiner: Daniel P. Stephenson  
Filing Date: 11/17/2003

Replacement Sheet 11 of 12

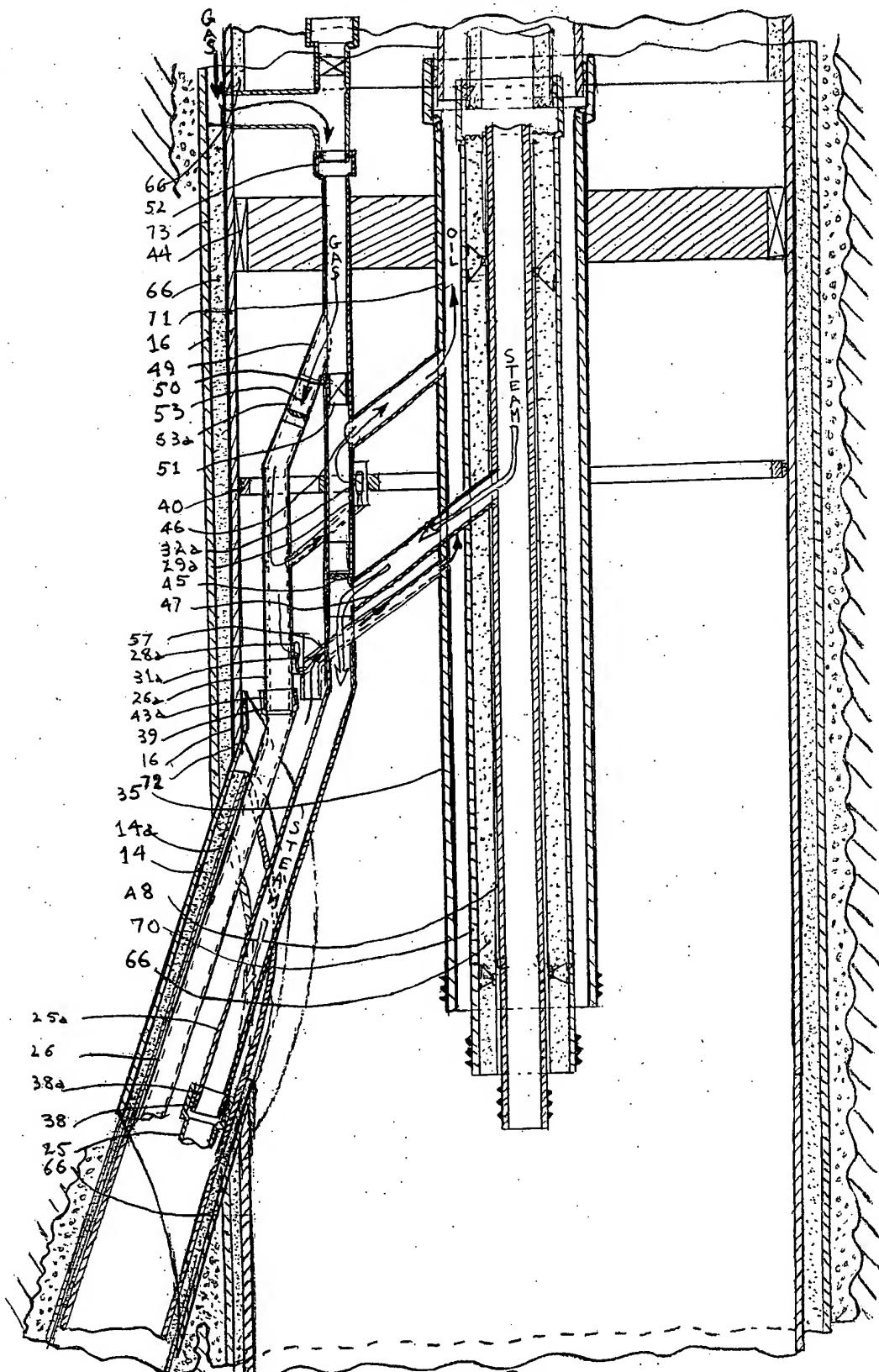


FIG. 3A

Application/Control Number 10/716,064 Art Unit: 3672  
Inventor: Michael Gondouin Examiner: Daniel P. Stephenson  
Filing Date: 11/17/2003

Replacement Sheet 12 of 12

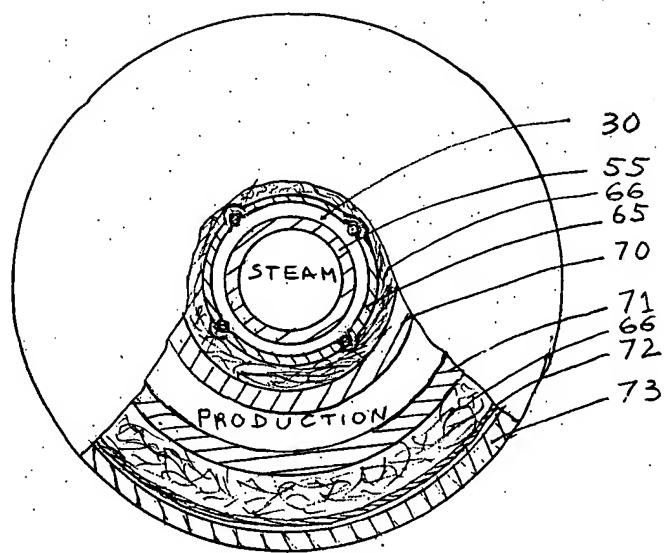


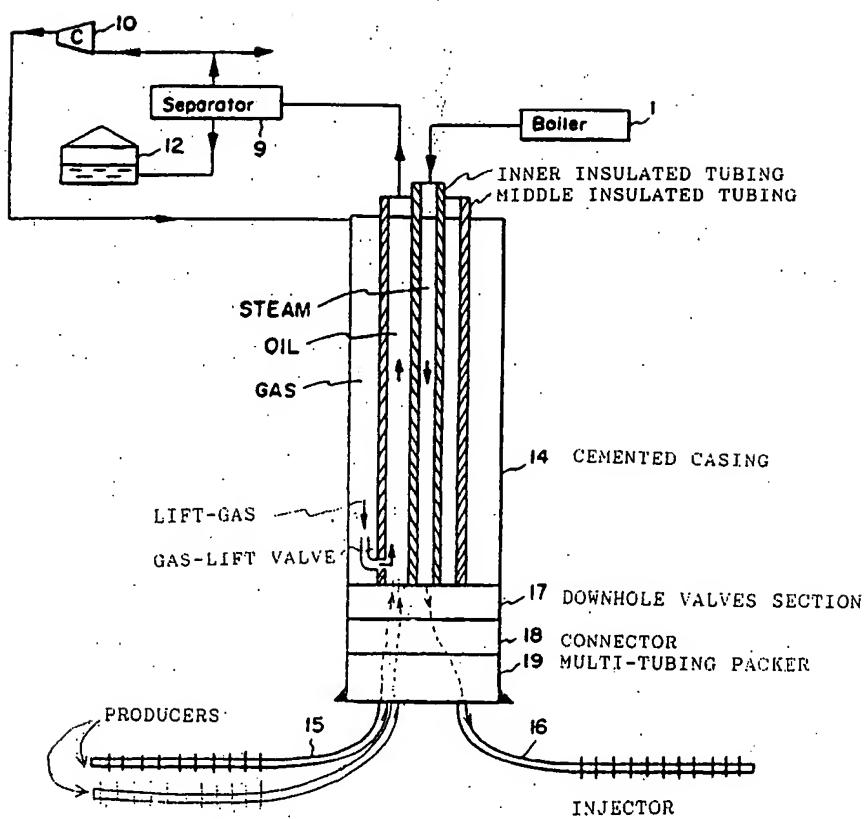
FIG. 6

Application/Control Number 10/716,064 Art Unit: 3672  
Inventor: Michael Gondouin Examiner: Daniel P. Stephenson  
Filing Date: 11/17/2003  
Replacement Sheet 8 of 12

## PRIOR ART

---

FIGURE 1A



SCHEMATIC MULTI-LATERAL ARCTIC WELL CONFIGURATION